

**10 CROSSINGS WITH THE HIGHEST
FATAL ACCIDENT PREDICTION FACTOR (FAPF) VALUES
MITIGATION REPORTS RECEIVED
FROM STATES**

ALABAMA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
351270S	BUTLER	GEORGIANA	ROSE	XB	GATES
351271Y	BUTLER	GEORGIANA	MILL ST	XB	GATES
351342T	ESCAMBIA	FLOMATON	PALAFIX ST	XB	TO BE DETERMINED
351457M	MOBILE	BROOKLEY AFB	KOOIMAN RD	XB	GATES
726749Y	CALHOUN	ANNISTON	MILLIGAN ST	XB	GATES
726755C	CALHOUN	ANNISTON	KELLY LYNN DR	XB	GATES
731788A	MADISON	HUNTSVILLE	DUG HILL RD	XB	GATES
731844E	LIMESTONE	DECATUR	BIBB GAARETT RD	XB	GATES
831195J	LEE	AUBURN	DEAN RD	FL	SIGNALS
877346B	ESCAMBIA	ATMORE	COWPEN CREEK RD	XB	GATES

Total Mitigation Cost =>

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks

FL = Flashing Lights

GT = Gates

HS = Highway Sign

NO = None

ALASKA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
868263N	ANCHORAGE	ANCHORAGE	SPENARD RD	GT	NONE PROPOSED
868311B	MATANUSKA-SUSITNA	PALMER	GLENN HWY	GT	SURFACE REPAIR/GRADE SEPARATION
868318Y	MATANUSKA-SUSITNA	WASILLA	GOOSE BAY RD	GT	GRADE CROSSING SIGNAL/MEDIAN IMPROVEMENTS
868323V	MATANUSKA-SUSITNA	WASILLA	MEADOW LAKES RD.	GT	NONE PROPOSED
868325J	MATANUSKA-SUSITNA	HOUSTON	CHERI LAKE RD	XB	GATES
868332U	MATANUSKA-SUSITNA	WILLOW	FISHOOK-WILLOW RD	GT	NONE PROPOSED
868334H	MATANUSKA-SUSITNA	WILLOW	HIDDENHILLS ACCESS	XB	GATES
868345V	MATANUSKA-SUSITNA	CANTWELL	PARKS HWY	FL	GRADE SEPARATION (SCHEDULED FOR 2001)
868427C	FAIRBANKS NORTH STAR	FAIRBANKS	3 MILE GATE	XB	NONE PROPOSED
868453S	FAIRBANKS NORTH STAR	NORTH POLE	RICHARDSON HWY.	GT	GRADE SEPARATION/ CLOSURE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

ARKANSAS MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
330454J	POLK	MENA	MENA ST	FL	* GATES
425775G	HOT SPRING	PERLA	C.R. 311	XB	* GATES
437661D	CROSS	WYNNE	WILSON	XB	* CLOSURE
437964M	WHITE	BEEBE	BOWMAN	XB	* GATES
437983S	WHITE	KENSETT	DANDRIDGE	FL	* GATES
437986M	WHITE	KENSETT	WESTPOINT	XB	CLOSURE/UPGRADE * ADJACENT CROSSING
437987U	WHITE	KENSETT	CORD 414	XB	* GATES
438640N	JACKSON	GRAND GLAISE	CORD 4	XB	REPLACE CROSSBUCK * AND ADD AWS
439838A	NEVADA	EMMET	ELM	XB	* GATES
672557D	POINSETT	TRUMANN	CO RD I 19	XB	* CLOSURE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates .
 HS = Highway Sign
 NO = None

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
025017A	NAVAJO	HOLBROOK	NAVAJO BLVD (S77)	GT	
025131A	COCONINO	FLAGSTAFF	ENTERPRISE RD.	GT	SIGNALS, WIDEN ROAD
025170R	COCONINO	BELLEMONT	GARLAND PRAIRIE	GT	UPGRADE ROUNDELS
025419G	MARICOPA	GLENDALE	55TH AVE&MD.	FL	
025425K	MARICOPA	PHOENIX	35TH AVENUE	FL	
025430G	MARICOPA	PHOENIX	27TH AVE	FL	
025590V	MARICOPA	GLENDALE	BETHANY HOME RD	GT	
025594X	MARICOPA	GLENDALE	51ST AVE.	FL	
025617C	MARICOPA	GLENDALE	THOMAS RD	FL	
741101G	PIMA	TUCSON	INA RD	GT	

STATE SUGGESTED CROSSINGS

[illegible]

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

CALIFORNIA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
026027J	SAN BERNARDIN	AMBOY	SALTUS ROAD	XB	CLOSURE
026560G	ORANGE	ANAHEIM	IMPERIAL HWY	GT	GRADE SEPARATION
026572B	ORANGE	ANAHEIM	ORANGETHORPE AVE	GT	UPGRADE AWS, SURFACE AND MEDIANS
026743A	ORANGE	SANTA ANA	MCFADDEN STREET	GT	ADDITIONAL FL
027656A	LOS ANGELES	SANTA FE SPRINGS	ROSECRANS BLVD	GT	UPGRADE AWS, MEDIANS AND CLOSE STREETS
028586R	FRESNO	FRESNO	SHAW AVE	GT	GRADE SEPARATION (SCHEDULED 2001)
028767V	STANISLAUS	RIVERBANK	PATTERSON RD	GT	UPGRADE AWS AND SURFACE
745997Y	LOS ANGELES	LOS ANGELES	COLDWATER CNYN RD	GT	AWS, IMPROVE SIDEWALK AND TURNING LANE, AND RELOCATE POLE
746052E	LOS ANGELES	LOS ANGELES	VAN NUYS BLVD	GT	4-QUADRANT GATES
765937U	MERCED	MERCED	HEALY ROAD	GT	CLOSURE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
761132K	ORANGE	ANAHEIM	WEST ST. & SANTA ANA ST.	RECORD NOT FOUND	
027650J	LOS ANGELES	SANTA FE SPRINGS	LOS NIETOS RD.	GT	
028688J	MERCED	FLUHR	BELLEVUE RD.	GT	
746064Y	LOS ANGELES	SUN VALLEY	SUNLAND BLVD.	GT	
746934X	LOS ANGELES	POMONA	EAST END AVE	GT	
751527E	SOLANO	BENICIA	PARK RD.	XB	
760717G	RIVERSIDE	COACHELLA	50TH AVE	FL	
865215N	STANISLAUS	MODESTO	9TH ST AT P	XB	
865219R	STANISLAUS	MODESTO	L ST. - STATE 132	XB	

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

COLORADO MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
003288U	OTERO	LA JUNTA	CR Z WO US 350	XB	GATES
003375X	OTERO	ROCKY FORD	CR 2100 SO US 50	XB	GATES
057190R	ADAMS	ROCKY MT ARSENAL	96TH AVE WO SH 2	GT	SEPARATION
057262S	MORGAN	BRUSH	CR 25 SO US 34	XB	GATES
245018N	LARIMER	BERTHOUD	CR 2E-W OF CR 15	XB	GATES
253607Y	MESA	PALISADE	CR 36 NO US 6	XB	GATES
804433D	ADAMS	THORNTON	104THAVE EO US 85	GT	GRADE SEPARATION
804464C	WELD	FORT LUPTON	4THST WOPACIFICAV	FL	GATES
804481T	WELD	BRIGHTON	CR4 EO CR27	XB	GATES
804846X	WELD	GREELEY	CR 66 EO US 85	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks

FL = Flashing Lights

GT = Gates

HS = Highway Sign

NO = None

FLORIDA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
628138P	PALM BEACH	WEST PALM BEACH	SUMMIT BLVD.	GT	Barrier Walls
272604E	DADE	NORTH MIAMI BEACH	N.E. 163RD ST.	GT	Curbing
272910W	PALM BEACH	BOCA RATON	GLADES RD	GT	4-Quadrant Gates
625419N	POLK	LAKE WALES	SR 60	GT	
628155F	PALM BEACH	DELRAY BEACH	ATLANTIC AVE.	GT	Barrier Walls, Gates
628160C	PALM BEACH	DELRAY BEACH	LINTON BOULEVARD	GT	Barrier Walls
628163X	PALM BEACH	BOCA RATON	S.E.YAMATO RD.	GT	Barrier Walls
628171P	BROWARD	POMPANO BEACH	HAMMONDVILLE RD.	GT	Barrier Walls, Gates
628183J	BROWARD	POMPANO BEACH	NW 62ND ST.	GT	Barrier Walls, Gates
628290Y	BROWARD	HOLLYWOOD	HALLANDALE BEACH	GT	4-Quadrant Gates

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

GEORGIA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
729202R	HOUSTON	BONAIRE	AZALEA AVE-BNAIRE	XB	CLOSURE
632469J	CHATHAM	SAVANNAH	GODLEY RD	XB	CLOSURE
638150Y	MADISON	COLBERT	LEM EDWARDS RD	XB	GATES
638341J	DOOLY	VIENNA	COTTON ST	FL	GATES
638365X	DOOLY	BYROMVILLE	POPULAR SPRINGS	XB	GATES
717801C	HALL	OAKWOOD	TUMBLING CIRCLE	XB	CONSULTING DISTRICT OFFICE
718062K	FULTON	ATLANTA	MCDONOUGH BLVD	FL	GATES
726690L	HARALSON	BREMEN	TALAPOOSA ST	XB	GATES
726704S	HARALSON	TALLAPOOSA	TALAPOSA ST	XB	CLOSURE
732764P	JEFFERSON	WADLEY	DONAVAN ST	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

HAWAII
MITIGATION ANALYSIS DATA
FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
311009V	MAUI	LAHAINA	KAPUNAKEA	XB	None
311010P	MAUI	LAHAINA	FLEMING	XB	None
311011W	MAUI	LAHAINA	WAHIKULI	XB	None
311012D	MAUI	LAHAINA	KANIAU	XB	None
311013K	MAUI	LAHAINA	CIVIC CENTER	XB	None
311014S	MAUI	LAHAINA	PUUKOLII	XB	None

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

- XB= Cross Bucks
- FL = Flashing Lights
- GT = Gates
- HS = Highway Sign
- NO = None

Note: State reported that no mitigation was needed at any of the crossings since the operating speeds were low (10 mph) and existing controls are determined to be adequate.

IDAHO MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
058712P	BONNER	SANDPOINT	SAMUELS RD.	XB	GATES AND CWT
058866A	KOOTENAI	RATHDRUM	MCCARTNEY ST.	FL	CLOSURE
058867G	KOOTENAI	RATHDRUM	MILL ST.	FL	GATES AND CWT
812405V	MINIDOKA	MINIDOKA	700E	XB	GATES AND CWT
812977W	ELMORE	MOUNTAIN HOME	S. 18TH E.	XB	GATES, CWT, AND RAISE GRADE
819294E	ELMORE	MOUNTAIN HOME	SIMCO RD.	XB	GATES, CWT, AND IMPROVE APPROACH
819342S	CANYON	NAMPA	COLUMBIA/LOCUST	XB	HUMPED CROSSING REMOVED
819345M	CANYON	NAMPA	ROBINSON BLVD.	XB	GATES AND CWT
819346U	CANYON	NAMPA	HAPPY VALLEY RD	XB	GATES AND CWT
819441P	PAYETTE	PAYETTE	N.W. 10TH	XB	GATES, CWT, RELOCATE CANAL AND RAISE GRADE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
819350J	CANYON	NAMPA	AMITY	GT	
819403F	WASHINGTON	WEISER	AIRPORT RD.	XB	

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

NOTE: CWT (Constant Warning Time)

INDIANA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
522584M	LA PORTE	ROLLING PRAIRIE	PRAIRIE ST	FL	Lights, Gates
326879R	LAKE	EAST CHICAGO	DICKEY ROAD	FL	
341292P	WHITE	BROOKSTON	1250S	XB	Lights, Gates
342287W	VIGO	TERRE HAUTE	FERREE RD	XB	Lights, Gates
478437F	WHITLEY	SOUTH WHITLEY	C.R. 600 E	XB	Lights, Gates
478506L	KOSCIUSKO	MENTONE	CR 1000W	XB	Lights, Gates
478683R	LAKE	GRIFFITH	COLFAX RD	FL	Lights, Gates
509591S	DE KALB	WATERLOO	PENETON ST	XB	Lights, Gates
522564B	ST JOSEPH	SOUTH BEND	GRANDVIEW AVE	GT	
522579R	LA PORTE	NEW CARLISLE	CNTY LINE (900E)	FL	Lights, Gates

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

IOWA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
190388K	CLINTON	DE WITT	6TH AVE	GT	ADDITIONAL GATES
190564F	BENTON	BLAIRSTOWN	23RD AVE	XB	REWORKING APPROACH AND RESURFACING
190581W	BENTON	BELLE PLAINE	7TH AVE	GT	REPLACE GATES
190702S	STORY	AMES	DUFF AVE	GT	SEPARATION
190715T	BOONE	AMES	COUNTY ROAD	XB	GATES
190720P	BOONE	BOONE	95S NW-C 29-84-25	GT	SIDELIGHT, LED AND WALKOUT CANTILEVER
190721W	BOONE	BOONE	COUNTY ROAD	XB	GATES
190997L	CRAWFORD	DENISON	IOWA BEEF RD	GT	AWS AND ESCAPE LANE
191039D	HARRISON	DUNLAP	COUNTY ROAD	XB	GATES
865575L	SCOTT	PRINCETON	285TH AVE	XB	GATES/SURFACING

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

NOTE: AWS (Advanced Warning System)

KANSAS MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
005996A	OSAGE	BURLINGAME	CO. ROUTE 1540	XB	GATES
006200E	FRANKLIN	WELLSVILLE	OHIO TERRACE	XB	CLOSURE
009593A	BUTLER	AUGUSTA	TOWNSHIP RD #151	XB	CLOSURE AND SIGNALIZATION
009599R	BUTLER	AUGUSTA	TOWNSHIP RD #155	XB	CLOSURE
009618T	BUTLER	ROSE HILL	TOWNSHIP RD #412	SS	GATES
009621B	BUTLER	ROSE HILL	TOWNSHIP RD #69	XB	GATES
009667P	SUMNER	BELLE PLAINE	TOWNSHIP RD #311	XB	GATES (SECTION 130 PROJECT)
669886Y	CRAWFORD	CHEROKEE	K-126	FL	GATES
813198G	WYANDOTTE	KANSAS CITY	KANSAS AVE	GT	INTERCONNECTING SIGNAL SYSTEM
813204H	WYANDOTTE	EDWARDSVILLE	88TH ST	GT	INTERCONNECTING SIGNAL SYSTEM

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

Note: Proposed mitigations, which refers to the highest form of railroad device, and mitigation cost were developed in conjunction with FRA, FHWA and the state of Alabama

LOUISIANA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
300186U	TANGIPAHOA	TICKFAW	BUCKLES LANE	XB	TBD
302450G	RICHLAND	DELHI	CHICAGO	XB	GATES
302505S	OUACHITA	MONROE	DESIARD ST	FL	CLOSURE
302519A	OUACHITA	WEST MONROE	THOMAS ROAD	GT	GATES AND CWT (RECENTLY INSTALLED)
302616J	WEBSTER	SIBLEY	HORSESHOE LOOP	XB	GATES (INITIATED)
328996T	CADDO	VIVIAN	E TEXAS AVE	XB	GATES (FUNDED)
334775E	BOSSIER	BOSSIER CITY	ALFRED LN.	XB	CLOSURE
758210L	CADDO	SHREVEPORT	W. SIXTY-SECOND	HS	GATES
767508X	ST MARY	FRANKLIN	DIXIE ROAD	XB	TBD
768141H	CALCASIEU	VINTON	CLEVELAND RD	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

NOTE: TBD (To Be Determined)
 CWT (Constant Warning Time)

MARYLAND MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
140450G	FREDERICK	LIME KILN	BUCKEYSTOWN PIKE	FL	GATES
140494G	MONTGOMERY	ROCKVILLE	RANDOLPH ROAD	GT	GRADE SEPARATION
140507F	MONTGOMERY	GAITHERSBURG	S SUMMIT AVE	GT	NONE PROPOSED
140512C	MONTGOMERY	GAITHERSBURG	METROPOLITAN GROVE	GT	NONE PROPOSED
140774J	CECIL	ELK MILLS	ELK MILLS RD	GT	GRADE SEPARATION
140883M	HOWARD	HANOVER	HANOVER RD.	GT	RELOCATE/GRADE SEPARATION
140899J	PRINCE GEORGE'S	COLLEGE PARK	SUNNYSIDE AVE	GT	GRADE SEPARATION
140905K	PRINCE GEORGE'S	RIVERDALE	QUEENSBURY RD	GT	NONE PROPOSED
145051M	ALLEGANY	CUMBERLAND	VALLEY ST	GT	CLOSURE
530843S	BALTIMORE	COCKEYSVILLE	TIMONIUM RD	GT	GRADE SEPARATION

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

MINNESOTA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
062769X	WADENA	WADENA	OINK JOINT RD	XB	GATES
062814P	OTTER TAIL	PERHAM	TWP 357	XB	GATES
062860R	BECKER	DETROIT LAKES	WINE LAKE RD	XB	CLOSURE/CONNECTING ROAD
067265P	BENTON	SARTELL	FROST RD	XB	GATES
067270L	BENTON	RICE	LAKE WOOD SHORE RD	XB	CLOSURE/ROADWAY IMPROVEMENTS
067273G	BENTON	RICE	105TH ST NW	XB	GATES
082513Y	SHERBURNE	BIG	TWP 182 (200TH ST)	XB	GATES
097674N	MORRISON	LITTLE FALLS	CSAH 13	GT	CLOSURE
097837V	SHERBURNE	BECKER	CO 53	XB	GATES
097908P	PIPESTONE	PIPESTONE	8TH AVE NE	FL	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mititation
There were no state submitted crossings.					
0					
0					
0					
0					
0					
0					
0					
0					
0					
0					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

MISSISSIPPI MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
297746S	DE SOTO	WALLS	CHURCH STREET	XB	GATES/RAISE APPROACH
300611T	QUITMAN	MARKS	ROGERS ROAD	XB	GATES
300626H	QUITMAN	LAMBERT	DENTON RD	XB	STOP SIGNS
300725F	LEFLORE	SIDON	COUNTY ROAD 245	XB	GATES/RAISE APPROACH
300727U	LEFLORE	SIDON	COUNTY ROAD 512	XB	GATES/RAISE APPROACH
300887H	HINDS	JACKSON	GREEN'S CROSSING	XB	GATES
340261M	HARRISON	LONG BEACH	NICHOLSON	XB	CLOSURE
340264H	HARRISON	LONG BEACH	GIRARD AVE.	XB	CLOSURE
664476H	DE SOTO	OLIVE BRANCH	DEPOT ST	XB	CLOSURE
664494F	MARSHALL	BYHALIA	FULLER ST	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

MISSOURI MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
005091A	MACON	LA PLATA	RTE 156	GT	GRADE SEPARATION
005263F	CHARITON	MARCELINE	CO RD 223	XB	SIGNALIZATION
005285F	CHARITON	MENDON	CO RD 111	XB	GATES
330039N	JASPER	JOPLIN	ELK ROAD	FL	CLOSURE/GRADE SEPARATION
424990P	ST LOUIS	WEBSTER GROVES	ROCK HILL	GT	REALIGN ROAD
441994L	CASS	STRASBURG	ROGERS RD	XB	GATES
442012P	JOHNSON	HOLDEN	CO.RD. 1451	XB	GATES
442187T	MONITEAU	TIPTON	TOWER RD.	XB	GATES
673300W	LAWRENCE	MARIONVILLE	CO RD	XB	CLOSURE/GATES
673308B	LAWRENCE	AURORA	FM RD 2200	XB	CONNECTING ROAD

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

MONTANA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
059206S	LINCOLN	LIBBY	RIVERSIDE DRIVE	XB	
059535R	VALLEY	TAMPICO	FAX-246	FL	
059618E	ROOSEVELT	CULBERTSON	1ST AVE WEST	XB	
060081R	GALLATIN	BELGRADE	GALLATIN FIELD	XB	
060226A	POWELL	ELLISTON	ELLISTON	XB	
087376L	YELLOWSTONE	BILLINGS	LOCKWOOD-TRANSBAS	XB	
087383W	YELLOWSTONE	BILLINGS	MOORE LANE	GT	SEPARATE
088057W	TOOLE	SHELBY	HEART BUTTE RD	XB	
091412L	MISSOULA	FRENCHTOWN	BECKWIT	XB	
664476H	GLACIER	BROWNING	HEART BUTTE RD	GT	

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
060193P	LEWIS AND CLARK	HELENA	MONTANA AVE	GT	GRADE SEPARATION
060021G	PARK	LIVINGSTON	5TH STREET	GT	GRADE SEPARATION
060055B	GALLATIN	BOZEMAN	ROUSE AVE	GT	GRADE SEPARATION
060073Y	GALLATIN	BOZEMAN	GRIFFEN DRIVE	GT	GRADE SEPARATION
060090P	GALLATIN	BELGRADE	JACKRABBIT LANE	GT	GRADE SEPARATION
060199F	LEWIS AND CLARK	HELENA	BENTON AVE	GT	GRADE SEPARATION
087491T	YELLOWSTONE	BILLINGS	27TH STREET N	GT	GRADE SEPARATION
087493G	YELLOWSTONE	BILLINGS	N 29TH STREET	GT	GRADE SEPARATION
088059K	TOOLE	SHELBY	2ND AVE	GT	GRADE SEPARATION

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

Note: All of the crossings nominated by MT for grade separation are currently in the design phase. MT felt that it would be inappropriate to provide cost estimates at this time.

NEBRASKA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
813278A	ADAMS	HASTINGS	NOT PROVIDED	XB	Gates, Lights
064129E	LANCASTER	LINCOLN	ADAMS ST	GT	Grade Separation
073283B	ADAMS	HASTINGS	NOT PROVIDED	XB	Gates, Lights
083180D	ADAMS	JUNIATA	NOT PROVIDED	XB	Gates, Lights
083426Y	YORK	YORK	NOT PROVIDED	XB	Closure
813274X	ADAMS	HASTINGS	NOT PROVIDED	XB	Closed
817488D	HALL	ALDA	NOT PROVIDED	XB	Relocation & Realignment
817507F	HALL	SHELTON	NOT PROVIDED	XB	Widen Approach
817546W	MERRICK	SILVER CREEK	NOT PROVIDED	XB	Relocation & Realignment
817760B	DAWSON	GOTHENBURG	AVE J	GT	None

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

NEVADA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
740724M	WASHOE	RENO	KEYSTONE ST	GT	GRADE SEPARATION
740763D	CHURCHILL	FERNLEY	CALIF RD HAZEN	XB	ROAD RECENTLY PAVED
740842P	ELKO	CARLIN	4TH STREET	FL	NONE PROPOSED
740889K	ELKO	MONTELO	MONTELO	GT	RECENTLY INSTALLED CWT AND LED FL
804003T	CLARK	NORTH LAS VEGAS	CRAIG ROAD	GT	GATES
804121V	CLARK	ARDEN	BLUE DIAMOND RD	GT	GATES
804209T	CLARK	LAS VEGAS	WYOMING AVENUE	GT	LED
833412N	PERSHING	GERLACH	HOT SPRINGS	XB	NONE PROPOSED
833420F	HUMBOLDT	WINNEMUCCA	NEAR RAGLAN	XB	GATES
906533R	CLARK	LAS VEGAS	DESERT INN RD	GT	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

NOTE: CWT (Contant Warning Time), LED (Light Emitting Device)

NEW JERSEY MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
172359C	MIDDLESEX	MIDDLESEX	MOUNTAIN AVE	GT	GRADE SEPARATION
172387F	SOMERSET	BRANCHBURG	READINGTON RD	GT	GRADE SEPARATION
263186S	BERGEN	RAMSEY	MAIN STREET	GT	GRADE SEPARATION
263203F	PASSAIC	PATERSON	FIFTH AVE	GT	GRADE SEPARATION
263242W	ESSEX	MONCLAIR	PINE ST	GT	CLOSURE
586073E	ATLANTIC	HAMMONTON	BELLEVUE AVE	GT	GRADE SEPARATION
856889J	MONMOUTH	MIDDLETOWN	CHURCH ST	GT	GRADE SEPARATION
856891K	MONMOUTH	MIDDLETOWN	NAVESINK RIVER RD	GT	GRADE SEPARATION
856902V	MONMOUTH	LITTLE SILVER	OCEANPORT AVE	GT	GRADE SEPARATION
856918S	MONMOUTH	LONG BRANCH	CEDAR AVE	GT	GRADE SEPARATION

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
172360W	MIDDLESEX	MIDDLESEX BOROUGH	CEDAR AVE	GT	GRADE SEPARATION
263092K	HUDSON	NORTH BERGEN	83RD ST	FL	GATES
263412N	BARYEN	GARFIELD	MIDLOAD AVE	GT	GRADE SEPARATION
586045B	CAMDEN	BERLIN TWP	HARKER AVE	GT	CLOSURE
856899P	MONMOUTH	RED BANK	BROAD ST (SH35)	GT	GRADE SEPARATION
856901N	MONMOUTH	LITTLE SILVER	SYCAMORE AVE	GT	GRADE SEPARATION
856923N	MONMOUTH	OCEAN TWP	ROOSEVELT AVE	GT	CLOSURE
856988G	OCEAN	POINT PLEASANT	SEA AVE (SH35)	GT	GRADE SEPARATION
908864K	CAMDEN	BERLIN TWP	MILFORD RD	GT	GRADE SEPARATION
912696F	MIDDLESEX	MIDDLESEX BOROUGH	CEDAR AVE	GT	GRADE SEPARATION

Warning Device Codes

XB= Cross Bucks

FL = Flashing Lights

GT = Gates

HS = Highway Sign

NO = None

NEW YORK MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
338151C	NASSAU	BETHPAGE	STEWART AVE.	GT	CLOSE/SEPARATE
338145Y	NASSAU	MINEOLA	ROSLYN ROAD	GT	GRADE SEPARATION
338146F	NASSAU	WESTBURY	SCHOOL ST	GT	CLOSE/SEPARATE
338162P	SUFFOLK	WYANDANCH	STRAIGHT PATH	GT	CLOSE/SEPARATE
338172V	SUFFOLK	CENTRAL ISLIP	CARLTON AVE.	GT	CLOSE/SEPARATE
338309M	NASSAU	SYOSSET	JACKSON AVE	GT	CLOSE/SEPARATE
338357C	NASSAU	OCEANSIDE	ATLANTIC AVE.	GT	CLOSE/SEPARATE
514529S	MONROE	GATES	PIXLEY ROAD	GT	CLOSE/CANTILEVER SIGNALS
524307K	CHAUTAUQUA	RIPLEY	LOOMIS ST	XB	CLOSE/SEPARATE
529898H	WESTCHESTER	MOUNT KISCO	GREEN LANE	GT	CLOSE/SEPARATE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There are no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
629738V	JOHNSTON	BENSON	MAIN	HS	None
629833R	NASH	SHARPSBURG	MOORE ST	XB	Gates
629964U	JOHNSTON	SMITHFIELD	LEE	GT	None
630525G	FRANKLIN	FRANKLINTON	SR 1122	XB	Gates
630529J	FRANKLIN	YOUNGSVILLE	WINSTON ST	XB	Gates
630984C	ROBESON	ALMA	ALMA ST	XB	Gates
716230G	GASTON	GASTONIA	MAY ST	GT	Possible Tss
716278J	CLEVELAND	GROVER	CAROLINA AVE	GT	None
716279R	CLEVELAND	GROVER	CHERRY ST	GT	None
722542D	GUILFORD	GREENSBORO	YANCEYVILLE ROAD	GT	None

STATE SUGGESTED CROSSINGS

[illegible]

Warning Device Codes

XB= Cross Bucks

FL = Flashing Lights

GT = Gates

HS = Highway Sign

NO = None

NORTH DAKOTA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
071084S	CASS	FARGO		XB	GATES (PROGRAMMED IN 2000)
071092J	CASS	MAPLETON	7TH AV	GT	TBD
071099G	CASS	CASSELTON		XB	GATES
087636C	BURLEIGH	STERLING		XB	GATES (PROGRAMMED IN 1998)
093149U	GRIGGS	HANNAFORD		XB	TBD
093192A	FOSTER	GLENFIELD		XB	GATES (PROGRAMMED IN 2000)
093340S	MOUNTRAIL	WHITE EARTH	HILL STREET	GT	TBD
093446M	EDDY	NEW ROCKFORD		XB	TBD
102431A	WARD	SURREY		XB	TBD
102972C	CASS	PAGE		XB	TBD

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

Note: No cost estimates provided.

OHIO MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
142092G	ASHLAND	LODI	CR 681	XB	GATES (UPGRADED ON 4/6/99)
142145D	HURON	WILLARD	WURTZ RD	XB	CONSOLIDATED (7/00)
142255N	WOOD	BLOOMDALE	MAIN ST	FL	GATES (UPGRADED 9/16/98)
472533M	PAULDING	OAKWOOD	SIXTH STREET	XB	GATES (UPGRADED 5/10/98)
473681K	SANDUSKY	CLYDE	DURNWOLD DR	XB	GATES (COMPLETED 2001)
509451P	LUCAS	TOLEDO	WESTWOOD	GT	CIRCUITRY UPGRADE
509472H	LUCAS	HOLLAND	BERKLEY SOUTHERN	GT	CIRCUITRY UPGRADE
509519B	FULTON	PETTISVILLE	ARCHBOLD RD	GT	CIRCUITRY UPGRADE
509525E	FULTON	ARCHBOLD	DEFIANCE ST	GT	CIRCUITRY UPGRADE
523864T	LORAIN	AMHERST	WEST RIDGE RD	GT	CIRCUITRY UPGRADE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

OKLAHOMA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
012121G	OKLAHOMA	OKLAHOMA	SO 29TH ST	GT	GATES RECENTLY INSTALLED
012210Y	CLEVELAND	NORMAN	NAVY BASE RD/CONS	FL	GATES & MEDIANS
014412D	WOODWARD	QUINLAN		XB	GATES
330785W	LE FLORE	HEAVENER	AVENUE F	XB	GATES
413536X	CRAIG	BIG CABIN		XB	GATES
413568D	MAYES	PRYOR	9TH S.W.	XB	GATES
433972R	NOWATA	NOWATA	MODOC	XB	CLOSE/SIGNALS
434002N	ROGERS	OOLOGAH	CO RD #38	XB	GATES
596137R	TEXAS	GUYMON	4TH STREET NORTH	HS	GATES (RECENTLY INSTALLED)
673155A	MARSHALL	MADILL	WOLF ST.	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

OREGON MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
066759F	JEFFERSON	CULVER	IRIS DRIVE	XB	FLASHING LIGHTS
066762N	JEFFERSON	CULVER	FEATHER DR	XB	STOP SIGNS
749467X	WASHINGTON	HILLSBORO	SUSBAUER RD	XB	STOP SIGNS
759688C	LINN	ALBANY	34TH AV	FL	RAISED MEDIANS
759712B	LINN	HALSEY	D ST	XB	FLASHING LIGHTS
759780C	LINN	HALSEY	TWIN BUTTE W DR	XB	FLASHING LIGHTS
760044W	CLACKAMAS	CANBY	ELM ST	FL	RAISED MEDIANS/INTERCONNECT WITH TRAFFIC SIGNAL
760047S	CLACKAMAS	CANBY	BARLOW RD	GT	RAISED MEDIANS/INTERCONNECT WITH TRAFFIC SIGNAL
809034J	UMATILLA	PENDLETON	ISHKIT LANE	XB	FLASHING LIGHTS
809361U	UNION	LA GRANDE	GEKELER LANE	HS	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

NOTE: Proposed mitigation and mitigation costs were developed in conjunction with the FRA and FHWA without input from state.

PENNSYLVANIA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
145466V	WESTMORELAND	SMITHTON	JACOBS CREEK RD	FL	RELOCATE CABINETS AND POLES
471926S	ERIE	FAIRVIEW	FAIRPLAIN ROAD	XB	GATES (1999)
507756F	WASHINGTON	CHARLEROI	2ND STREET	XB	GATES (APRIL 2000)
523921E	ERIE	SPRINGFIELD	DGNL-WHTN-LNCH RD	XB	GATES (SCHEDULED FY 2000-01)
529052H	INDIANA	JOHNSTOWN	SR 2009	FL	RECONSTRUCTION OF HIGHWAY
541424A	DELAWARE	MORTON	WOODLAND AVE	GT	NONE PROPOSED
588602S	MONTGOMERY	ROYERSFORD	MAIN STREET	GT	NONE PROPOSED
592390X	LEHIGH	ALBURTIS	ORCHARD RD	XB	CLOSURE/RELOCATE
592391E	LEHIGH	MACUNGIE	GEHMANS RD	XB	CLOSURE/RELOCATE
592405K	LEHIGH	EMMAUS	SECOND ST	FL	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
535163N	FRANKLIN	GREENCASTLE	T351	XB	NONE PROVIDED

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

RHODE ISLAND MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
861519R	PROVIDENCE	WOONSOCKET	RIVER ST	GT	MS TO GCP
861547U	PROVIDENCE	PAWTUCKET	COTTAGE ST	HS	MS TO GCP
861549H	PROVIDENCE	PAWTUCKET	COLUMBUS AVE	HS	MS TO GCP
861550C	PROVIDENCE	PAWTUCKET	DIVISION ST	HS	MS TO GCP
861551J	PROVIDENCE	PAWTUCKET	CENTRAL AVE	HS	MS TO GCP
861561P	PROVIDENCE	CUMBERLAND HILL	ANN & HOPE WAY	GT	MS TO GCP
861587S	PROVIDENCE	PAWTUCKET	WALCOTT ST	HS	MS TO GCP
861588Y	PROVIDENCE	PAWTUCKET	ARMISTICE BLVD.	HS	MS TO GCP
861591G	PROVIDENCE	PAWTUCKET	BROADWAY	HS	MS TO GCP
861593V	PROVIDENCE	PAWTUCKET	ROOSEVELT AVE	HS	MS TO GCP

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

MS to GCP = Motion Sensors to Constant Warning Time

NOTE: MS (Motion System), GCP (Grade Crossing Prediction)

SOUTH DAKOTA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
189455F	SPINK	NORTHVILLE	SO 20	XB	GATES
189707E	BEADLE	WOLSEY		XB	GATES
189716D	BEADLE	WOLSEY	COMMERCIAL AVE	FL	RELOCATE CANTILEVERS AND ADD GATES AND MEDIANS
190258N	PENNINGTON	RAPID CITY	ST PATRICK ST	FL	INSTALL GATES, UPGRADE CIRCUITRY
190276L	PENNINGTON	RAPID CITY	CROSS ST	XB	RELOCATE CROSSING AND RECONSTRUCT HIGHWAY
190292V	PENNINGTON	RAPID CITY	UNIVERSAL DR	XB	GATES
199776P	BUTTE	BELLE FOURCHE	US 85	FL	INSTALL INTER-TIE WITH TRAFFIC SIGNALS, ADD CANTILEVER AND UPGRADE CIRCUITRY
393648N	GRANT	TWIN BROOKS	CO. RD. 19	XB	GATES
393780L	BROWN	ABERDEEN	CROSS ST	XB	GATES
393905J	CORSON	WAKPALA		XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks

FL = Flashing Lights

GT = Gates

HS = Highway Sign

NO = None

TENNESSEE MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
297385P	DYER	NEWBERN	PARKS ST.	XB	NONE PROPOSED
297440M	LAUDERDALE	HENNING	WADSWORTH RD	XB	GATES
349260L	RUTHERFORD	MURFREESBORO	MURFREESBORO RD	XB	FL
349364T	BEDFORD	WARTRACE	YELL STREET	XB	GATES
730838X	ANDERSON	CLINTON	YARNELL RD	XB	FL
731149G	SULLIVAN	BLUFF CITY	ROCK LANE	XB	GATES
731183N	WASHINGTON	JOHNSON CITY	ROAN ST	FL	NONE PROPOSED
732084U	FAYETTE	LA GRANGE	CHESTNUT ST	XB	GATES
732163F	SHELBY	MEMPHIS	MASSEY RD	FL	GATES
841829F	SCOTT	ONEIDA	CROSS	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

TEXAS MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
743708N	FORT BEND	SUGAR LAND	ADDICKS HOWELL RD	GT	Separation
331568A	WOOD	WINNSBORO	MILL ST	XB	Closure
331675P	HUNT	CAMPBELL	BEASLEY	XB	Gates (Plans Completed)
427978T	MONTGOMERY	WILLIS	STEWART	FL	Gates (Plans Completed)
430105A	WALLER	MAGNOLIA	RILEY ROAD	XB	Gates (Diagnostic Planned)
743165A	HARRIS	HOCKLEY	BECKNER RD	XB	Gates (Plans Completed)
743813P	COLORADO	EAGLE LAKE		XB	Gates (Under Design)
745077W	BRAZOS	BRYAN	OSR	FL	Gates (Diagnostic Planned)
794625P	HARRISON	LONGVIEW	MASON SPRING RD	XB	None Proposed
795335K	DENTON	ARGYLE	*PUBLIC FM 407	FL	Gates (Installed 6/00)

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

UTAH MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
254340N	SALT LAKE	DRAPER	123 S 500 W DRPRD	GT	WIDEN/IMPROVE STATE ROAD (STIP)
254405E	UTAH	SPANISH FORK	1200 E ON SR 147	FL	GATES (STIP 2003)
254880J	UTAH	LEHI	1250W ON 1220N WA	XB	REMOVE TREES/SHRUBS
254892D	UTAH	LEHI	8170 N ON 7800 W WA	XB	GATES
254900T	UTAH	AMERICAN FORK	5200 W ON 6400 N WA	XB	GATES (COMPLETED 2002)
805623K	DAVIS	CLEARFIELD	MAIN ST. 200 SO.	GT	SEPARATION (STIP 2000)
806625C	IRON	BERYL	CO RD	XB	REPLACE SIGNS
806649R	MILLARD	OASIS	CO RD	XB	NEEDS SURVEILLANCE
806707J	TOOELE	TOOELE	1000 W. 250 N.	XB	CLOSURE
806879S	UTAH	PAYSON	4200 W. 10000 S.	XB	CLOSURE

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
254892D					
254902G					
806682R					
806706C					
806822R					
806959K					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

VIRGINIA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
467423S	ISLE OF WIGHT	WINDSOR	S PRINCE BLVD	GT	SIGNAL INTERCONNECTION
467450N	SUSSEX	WAVERLY	BEAVERDAM ROAD	GT	TBD
467480F	PRINCE GEORGE	PETERSBURG	RIVES ROAD	GT	NONE PROPOSED
468419F	HENRY	FIELDALE	FIELD AVE	FL	CANTILEVERED FL
468915B	RUSSELL	HONAKER	PUTMAN ROAD	FL	GATES
623672C	RICHMOND	RICHMOND	WALMSLEY BLVD	GT	TBD
623683P	CHESTERFIELD	CHESTER	CURTIS STREET	GT	FL (1999)
623706U	PETERSBURG	PETERSBURG	HALIFAX RD	GT	SEPARATION (SCHEDULED)
714363S	PRINCE WILLIAM	GAINESVILLE	LEE HWY	GT	DUAL GATES (INSTALLED 1997)
860437F	HENRICO	RICHMOND	HUNGARY ROAD	GT	NONE PROPOSED

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

WASHINGTON MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
058650U	LINCOLN	DAVENPORT	WAKON ROAD	XB	SIGNALS
059147S	STEVENS	COLVILLE	GOLD CREEK ROAD	XB	INSTALL SIGNALS
085416A	KING	SEATTLE	GALER ST	GT	GRADE SEPARATION
085613N	KING	KENT	SW 43RD ST.	GT	GRADE SEPARATION
085691V	PIERCE	PUYALLUP	15TH ST SE.	GT	REPEATER TRAFFIC SIGNAL
092426X	CLARK	RIDGEFIELD	MILL ST	FL	CLOSE, CONSOLIDATE W/ DIVISION
092435W	COWLITZ	WOODLAND	DAVIDSON AVE	GT	INSTALL MEDIAN SEPARATORS
092446J	COWLITZ	KALAMA	TOTTEFF ROAD	GT	SEPARATE
092493S	LEWIS	WINLOCK	SR-505 MP 0.01	GT	UPGRADE SIGNALS AND INSTALL MEDIANS
092508E	LEWIS	CHEHALIS	MAIN ST.	GT	INTER TIE WITH NEARBY SIGNALS

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

WEST VIRGINIA MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
144588W	JEFFERSON	SHENANDOAH JUNCTION		GT	None Proposed
144601H	BERKELEY	MARTINSBURG	SHEPHERDSTOWN RD.	GT	None Proposed
144603W	BERKELEY	MARTINSBURG	FLAGG ROAD	GT	Improve Alignment
225351X	FAYETTE	DEEP WATER	PRIVATE RD	XB	None Proposed
225439V	KANAWHA	CHARLESTON	12 TH	XB	None Proposed
225588W	PUTNAM	HURRICANE	DOGFOOD CROSSING	XB	None Proposed
225594A	PUTNAM	HURRICANE	PUBLIC ROAD	XB	None Proposed
470863L	MINGO	WILLIAMSON	PRICHARD STREET	FL	Gates
471567D	MINGO	NOLAN		XB	None Proposed
471577J	MINGO	NAUGATUCK		GT	Separation

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks

FL = Flashing Lights

GT = Gates

HS = Highway Sign

NO = None

Note: Proposed mitigation were developed in conjunction with FRA, FHWA and the state of West Virginia.

WISCONSIN MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
692296K	WASHINGTON	ALLENTON	HILLCREST DR	XB	GATES
692213U	WAUKESHA	WAUKESHA	MAIN ST	FL	GATES (CY 2000)
390675A	COLUMBIA	RIO	WILLIAMS RD	XB	GATES
692579H	WOOD	MILLADORE	HAYNES AVE	XB	GATES
692527R	PORTAGE	CUSTER	COUNTY HWY J	FL	GATES
692483T	WAUPACA	WAUPACA	LARSON RD	XB	CLOSURE
690239P	WINNEBAGO	NEENAH	MAIN ST	GT	HIGHWAY BRIDGE PLANNED
697810T	OUTAGAMIE	APPLETON	COUNTY HWY JJ	FL	COMPLETION IN CY2000 TO INSTALL CONSTANT WARNING TIME CIRCUITRY
079906D	LA CROSSE	TREMPEALEAU	LYTLE RD	XB	GATES
692263X	WASHINGTON	COLGATE	WILLOW CREEK RD	XB	GATES

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
692218D	WAUKESHA	WAUKESHA	MORELAND BLVD.	GT	SEPARATION
692232Y	WAUKESHA	PEWAUKEE	COUNTY HWY M	FL	GATES

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None

WYOMING MITIGATION ANALYSIS DATA

FRA GENERATED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
064920E	WESTON	NEWCASTLE	W. MAIN ST	GT	NONE PROPOSED
064922T	WESTON	NEWCASTLE	GROVE ST	FL	NONE PROPOSED
089208M	GOSHEN	TORRINGTON	MAIN ST	GT	SEPARATION
095097L	CAMPBELL	GILLETTE	FOOTHILLS BLVD	GT	NONE PROPOSED
098863N	SHERIDAN	SHERIDAN		FL	GATES
807292G	LINCOLN	COKEVILLE	FIRST ST-SH 231	GT	NONE PROPOSED
810472H	SWEETWATER	WAMSUTTER	BROADWAY	GT	SEPARATION
816334P	GOSHEN	YODER	US 85	FL	CANTILEVERED SIGNAL SYSTEM
817676T	LARAMIE	PINE BLUFFS	CO 212	GT	NONE PROPOSED
817686Y	LARAMIE	HILLSDALE	CO 136	GT	GATES (SCHEDULED FOR 2000)

STATE SUGGESTED CROSSINGS

Crossings	County	City	Street	Present Device	Proposed Mitigation
There were no state submitted crossings.					

Warning Device Codes

XB= Cross Bucks
 FL = Flashing Lights
 GT = Gates
 HS = Highway Sign
 NO = None